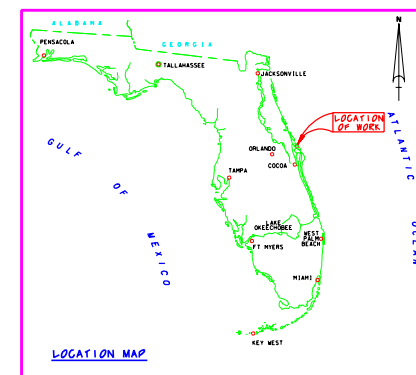


DAYTONA BEACH SIDE CHANNEL VOLUSIA COUNTY, FLORIDA PROJECT CONDITION SURVEY

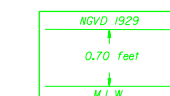
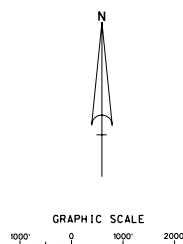


SURVEY NOTES:

1. REFER TO SURVEY NO. 03-024.
2. SOUNDINGS ARE IN FEET AND TENTHS AND REFER TO MEAN LOW WATER (MLW) WHICH IS 0.70 FEET BELOW NGVD 1929.
3. ALL ELEVATIONS ARE BELOW THE CHART DATUM UNLESS PRECEDED BY A (+) SIGN.
4. TIDAL REDUCTIONS WERE MADE FROM A STAFF SET IN THE VICINITY OF, AND REFERENCED FROM BENCHMARK "1WV-227".
5. PLANE COORDINATES ARE BASED ON THE TRANSVERSE MERCATOR PROJECTION FOR THE EAST ZONE OF FLORIDA AND REFERENCED TO NORTH AMERICAN DATUM OF 1927 (NAD27).
6. ALL AZIMUTHS ARE GRID, RECKONED CLOCKWISE FROM SOUTH.
7. ALL STATIONING REFERS TO THE CENTERLINE OF THE CHANNEL.
8. SURVEY WAS PERFORMED USING DIFFERENTIAL GPS FOR POSITIONING AND UTILIZING THE USCG NAVBEACON SYSTEM AS THE REFERENCE SITE. VERTICAL MEASUREMENTS WERE MADE USING A ROSS SMART SOUNDER DEPTH RECORDER WITH A 200KHZ (HIGH FREQUENCY) TRANSDUCER.
9. AIDS TO NAVIGATION WERE LOCATED DURING THIS SURVEY.
10. THE INFORMATION DEPICTED ON THIS MAP REPRESENTS THE RESULTS OF SURVEYS MADE ON THE DATES INDICATED ABOVE AND CAN ONLY BE CONSIDERED AS INDICATING THE GENERAL CONDITIONS AT THAT TIME.
11. SURVEY ACCURACY PERFORMANCE STANDARDS, QUALITY CONTROL, AND QUALITY ASSURANCE STANDARDS WERE FOLLOWED DURING THIS SURVEY IN ACCORDANCE WITH USACE EM 1110-2-1003, HYDROGRAPHIC SURVEYING, 1 JAN 02.

VESSEL	DATE OF SURVEY	CUT
WB-34	27 FEB 2003	SIDE CHANNEL

BENCHMARK	NGVD ELEV. (FT)
1WV-227	4.13



Relationship between NGVD 1929 and Mean Low Water

LEGEND
+BM BENCHMARK
L LIGHTED BEACON
■ GREEN DAYBEACON
■ RED DAYBEACON
● RED LIGHTED BUOY
● GREEN LIGHTED BUOY
○ CAN BUOY
○ NUN BUOY
⊕ TIDE STAFF

US Army Corps of Engineers
Jacksonville District

SAFETY ON THIS JOB
DEPENDS ON YOU

DEPARTMENT OF THE ARMY
JACKSONVILLE DISTRICT, CORPS OF ENGINEERS
JACKSONVILLE, FLORIDA

DAYTONA BEACH
VOLUSIA COUNTY, FLORIDA
PROJECT CONDITION SURVEY
8-FOOT PROJECT
COVER, INDEX AND LOCATION
PLAN

DRAWING NO.
1/2

SHEET 1 OF 2

